Index of Claims

| Application/Control No |
|------------------------|
|------------------------|

10/613,400

Applicant(s)/Patent under Reexamination

PUTTERMAN ET AL.

Art Unit

2621

Daquan Zhao

Examiner

Rejected Allowed

(Through numeral)
·Cancelled

Restricted

Non-Elected N

Interference

**Appeal** Α 0 Objected

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|----------|----------|--------------|----------|----------|----------|----------|----------|--|--------------|--|---|-------|----------|-----------|---|----------|----------|----------|----------|----------|---|
| Cla      | aim      | ⊢            |          | г.       |          | Date     | <u>е</u> |  |              |  |   | Cla   | aim      | <u> </u>  |   |          | <u> </u> | Jate     | -        | _        | r |
| Final    | Original | 1/2(/6)      |          |          |          |          |          |  |              |  |   | Final | Original |           |   |          |          |          |          |          |   |
|          | 1        | √            |          |          |          |          | Г        |  |              |  |   |       | 51       |           |   |          |          |          |          |          | Γ |
|          | 2        | $\Box$       |          | Г        |          |          |          |  |              |  |   |       | 52       |           |   |          | Π        |          |          |          | ľ |
|          | 3        | П            |          |          |          | Π        |          |  |              |  |   |       | 53       |           |   |          |          |          |          |          | Γ |
|          | 4        | П            |          |          |          |          |          |  |              |  |   |       | 54       | ·         |   |          |          |          |          |          | ľ |
|          | 5        | П            |          |          |          |          | Г        |  |              |  |   |       | 55       |           |   |          |          |          |          |          | ľ |
|          | 6        | П            |          |          |          |          |          |  |              |  |   |       | 56       |           |   |          | П        |          |          |          | ľ |
|          | 7        | П            |          |          |          |          |          |  |              |  |   |       | 57       |           | _ |          |          |          |          |          | Ī |
|          | 8        | П            |          |          |          |          | Г        |  |              |  |   |       | 58       |           |   |          |          |          |          |          | Γ |
|          | 9        | $\coprod$    |          |          |          |          |          |  |              |  |   |       | 59       |           |   |          |          |          |          |          | Γ |
|          | 10       | I            |          |          |          |          |          | Ι.   |              |  |   |       | 60       |           |   |          |          |          |          |          | Γ |
|          | 11       |              |          |          |          |          |          |  |              |  |   |       | 61       |           |   |          |          |          |          |          | Γ |
|          | 12       |              |          |          |          |          |          |  |              |  |   |       | 62       |           |   |          |          |          |          |          | Γ |
|          | 13       |              |          |          |          |          |          |  |              |  |   |       | 63       |           |   |          |          |          |          |          |   |
|          | 14       |              |          |          |          |          |          |  |              |  |   |       | 64       |           |   |          | <u> </u> |          |          |          | Γ |
|          | 15       |              |          |          |          |          |          |  |              |  |   |       | 65       |           |   |          |          |          |          |          | Γ |
|          | 16       |              |          |          |          |          |          |  |              |  |   |       | 66       |           |   |          |          |          |          |          | Γ |
|          | 17       |              |          | ·        |          |          |          |  |              |  |   |       | 67       |           |   |          |          |          |          |          | Γ |
|          | 18       |              |          |          |          |          |          |  |              |  |   |       | 68       |           |   |          |          |          |          |          | Γ |
|          | 19       |              |          |          |          |          |          |  |              |  |   |       | 69       |           |   |          |          |          |          |          | Γ |
|          | 20       |              |          |          |          |          |          |  |              |  |   |       | 70       |           |   |          |          |          |          |          |   |
|          | 21       | IL.          |          |          |          |          |          |  |              |  | ì |       | 71       |           |   |          |          |          |          |          |   |
|          | 22       | Ш            |          |          |          |          |          |  |              |  | 1 |       | 72       |           |   |          |          |          |          |          |   |
|          | 23       | Ш            |          |          |          |          | L        |  |              |  |   |       | 73       |           |   |          |          |          |          |          |   |
|          | 24       | Ш            |          |          | L        |          |          |  | L            |  |   |       | 74       |           |   |          |          |          |          |          |   |
|          | 25       | Ц            | L        | L        | L        | _        |          | _  |              |  |   |       | 75       |           |   |          |          |          |          |          | L |
|          | 26       | Ц            | _        |          |          |          |          |  |              |  |   |       | 76       |           |   |          |          |          |          |          |   |
|          | 27       | Ц            |          |          | L        | _        | _        | 乚  | _            | $ldsymbol{ld}}}}}}$ |   |       | 77       |           |   |          |          |          |          |          | L |
|          | 28       | Ц            | <u> </u> | L        |          |          | <u> </u> | ╙  | <u>_</u>     |  |   |       | 78       |           |   |          |          |          |          |          |   |
|          | 29       | Ц            |          |          |          |          |          |  |              |  |   |       | 79       |           |   |          |          |          |          |          | L |
|          | 30       | Ц            | L        | <u> </u> | L        | _        |          | $ldsymbol{ld}}}}}}$ | 匚            |  |   |       | 80       | Ш         |   |          |          | L        |          |          | L |
|          | 31       | 1            | L        | L        |          | 乚        | _        |  | L            |  |   |       | 81       |           |   |          | L_       |          |          |          | L |
|          | 32       | ┖            | L        | _        | L        | <u> </u> |          | _  | L            |  |   |       | 82       |           |   |          |          |          |          |          | L |
|          | 33       | <u> </u>     |          | L        |          | L_       |          |  | <u> </u>     |  |   |       | 83       |           |   |          |          |          |          |          | L |
| <u></u>  | 34       | <u> </u>     | L        | L.       | L_       |          |          | L  | <u></u>      |  |   |       | 84       |           |   | _        |          | <u> </u> |          |          | L |
|          | 35       | <u> </u>     |          |          |          | <u>_</u> | <u> </u> |  |              |  |   |       | 85       |           |   |          |          |          |          |          | L |
|          | 36       | <u> </u>     | <u> </u> | L        | L        | <u> </u> | _        | oxdot  | <u> </u>     | $\sqcup$   |   |       | 86       | Ш         |   |          | <u></u>  | _        | L        |          | L |
| <u></u>  | 37       | Щ            | _        | Щ        | <u> </u> | <u></u>  | L        |  |              | L  |   |       | 87       |           |   | <u> </u> | _        |          | L        |          | L |
|          | 38       | <u> </u>     |          | L_       | <u> </u> |          | <u> </u> |  | <u> </u>     | _  |   |       | 88       | Ш         |   | <u> </u> |          | <u> </u> | L        |          | L |
| L        | 39       | oxdapsilon   | <u> </u> | oxdot    | _        | _        |          | $oxedsymbol{oxedsymbol{oxed}}$   |              | L_   |   |       | 89       |           | _ | _        | _        |          | L_       | _        | L |
|          | 40       |              | _        | L        |          | L        | L        | L  |              | L  |   |       | 90       |           |   |          |          |          |          |          | L |
| L        | 41       | <u> </u>     | <u></u>  | <u> </u> | _        | _        | oxdot    | oxdot  | _            |  |   |       | 91       | Ш         |   | L_       | <u></u>  |          |          |          | L |
|          | 42       | L            | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L        | Щ  | <u> </u>     |  |   |       | 92       | Щ         |   | <u> </u> | <u> </u> |          | L        | $\sqcup$ | L |
| L        | 43       | <u> </u>     | <u> </u> | <u> </u> | L.       | L.       | _        | ļ.   | L_           |  |   |       | 93       | Ш         |   | L_       |          |          | L        | $\sqcup$ | L |
|          | 44       | <u> </u>     | _        | L        | L        |          | _        | L  | <u> </u>     | <u> </u>   |   |       | 94       | Ш         |   | <u> </u> | _        | Ш        | <u> </u> | $\sqcup$ | L |
|          | 45       | <b> </b>     | _        | L        | _        | _        | <u> </u> | L  | <u> </u>     | Щ  |   |       | 95       | Ш         |   | <u> </u> | <u> </u> | <u> </u> | <u> </u> |          | L |
| <u> </u> | 46       | <del> </del> | <u> </u> | L        | <u> </u> | <u> </u> | <u> </u> | L  | ļ            |  |   |       | 96       |           |   | <u> </u> | <u> </u> | <u> </u> | _        | $\vdash$ | L |
| <u> </u> | 47       | <u> </u>     | 1        | Ŀ        | _        | <u> </u> | L        | <u> </u>   | _            | <u> </u>   |   |       | 97       | $\square$ |   | ļ        | L.       |          |          | Ш        | L |
| <u> </u> | 48       | <b>—</b>     | 1        | <u> </u> | 1        | 1        | <u> </u> | <u> </u>   | <u> </u>     | <b>_</b>   |   |       | 98       | $\vdash$  |   | <u> </u> | <u> </u> | $\vdash$ | L        | Ш        | L |
| <u> </u> | 49       | -            | <u> </u> | <u> </u> | ├        | <u> </u> | <b> </b> | <b> </b>   | <del> </del> | _  |   |       | 99       | $\vdash$  |   | <u> </u> | <u> </u> | <b> </b> | Щ.       | $\vdash$ | L |
| L        | 50       | <u> </u>     | L        | <u> </u> | L        | <u> </u> | <u> </u> | L  | <u> </u>     | Ŀ.   |   |       | 100      | Щ         |   | L        | <u> </u> |          | L        | <u> </u> | L |

| Claim        |                | Date        |              |              |          |  |           |          |  |  |  |  |
|--------------|----------------|-------------|--------------|--------------|----------|--|-----------|----------|--|--|--|--|
|              |                |             |              |              |          |  |           |          | Г  | Γ  |  |  |
| <u></u>      | Ľ.             |             |              |              |          |  |           |          |  |  |  |  |
| Final        | Original       |             |              |              |          |  |           |          |  |  |  |  |
| -            | 0              |             |              |              |          |  |           |          |  |  |  |  |
|              | 51             | ┢           | $\vdash$     | -            | -        | -  |           |          | -  | -  |  |  |
|              | 52             | ⊢           | $\vdash$     | $\vdash$     | $\vdash$ | -  |           |          | ┢  | <del>                                     </del>   |  |  |
|              | 52<br>53       |             | ┝            | -            |          | -  | _         | _        | ⊢  | ⊢  |  |  |
| -            | 54             | ⊢           | ├            | <u> </u>     | _        | -  | _         |          | ⊢  |  |  |  |
|              | 54             | Ŀ           | ⊢            |              |          |  |           |          | <u> </u>   | -  |  |  |
|              | 55             | _           |              | _            | $\vdash$ | <u> </u>   | _         |          | _  | _  |  |  |
|              | 56             |             | <u> </u>     | _            | L_       |  | _         | _        | Ш  | _  |  |  |
|              | 57             | <u> </u>    | <u> </u>     | _            |          | _  |           |          |  | <u> </u>   |  |  |
|              | 58<br>59       | L           | <u> </u>     |              | _        | L  |           |          |  | _  |  |  |
|              | 59             |             |              |              |          |  |           |          |  |  |  |  |
|              | 60             | L           |              |              |          |  |           |          |  |  |  |  |
|              | 61             |             |              |              |          |  |           |          |  | L  |  |  |
|              | 62             |             |              |              |          |  |           |          |  |  |  |  |
|              | 62<br>63       |             | Γ            |              |          |  |           |          | Г  |  |  |  |
|              | 64<br>65       |             |              |              | -        |  |           |          |  |  |  |  |
|              | 65             | Г           | $\vdash$     | Г            | Г        | _  |           | Т        |  | $\vdash$   |  |  |
|              | 66             | $\vdash$    | $\vdash$     |              | $\vdash$ | <del>                                     </del> |           | Н        | П  |  |  |  |
|              | 67             | $\vdash$    | ┝─           | _            | _        | $\vdash$   | -         | _        | _  | $\vdash$   |  |  |
| -            | 68             | ┢           | ⊢            |              |          | -  |           | _        | -  | -  |  |  |
| -            | 60             | $\vdash$    | ⊢            | -            | $\vdash$ | -  |           |          |  | -  |  |  |
|              | 69<br>70       | _           | ⊢            |              | Н        | -  |           |          | -  | <u> </u>   |  |  |
|              | 71             | -           | -            | _            | $\vdash$ | _  |           |          |  |  |  |  |
| <b>—</b>     | 71             |             | <u> </u>     |              | Ш        | <u> </u>   |           |          |  | <u> </u>   |  |  |
|              | 72<br>73<br>74 |             | _            |              | _        | L  |           | _        | _  | _  |  |  |
| <u> </u>     | /3             |             |              |              |          |  |           |          |  |  |  |  |
| ļ            | 74             |             | _            |              | ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |           |          |  | _  |  |  |
|              | 75<br>76       |             |              |              |          |  |           |          |  | Ш  |  |  |
| L            | 76             |             | L            |              |          | _  |           |          |  | $ldsymbol{ld}}}}}}$ |  |  |
|              | 77             |             | <u>L</u>     |              |          |  |           |          | _  |  |  |  |
|              | 78             |             | L            |              |          |  |           |          |  |  |  |  |
|              | 79             |             |              |              |          |  |           |          |  |  |  |  |
|              | 80             |             |              |              |          |  |           |          |  |  |  |  |
|              | 81             |             |              |              |          |  |           |          |  |  |  |  |
|              | 82             |             |              |              |          |  |           |          |  |  |  |  |
|              | 83             |             |              |              |          |  |           |          |  | Г  |  |  |
|              | 84             |             | Г            | Г            | П        | П  |           |          |  |  |  |  |
|              | 85             |             |              |              | П        |  |           |          | l `  | <u> </u>   |  |  |
|              | 86             | <del></del> |              |              |          |  | · · · · · |          | <u> </u>   |  |  |  |
|              | 86<br>87       | $\vdash$    | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$   | ·         |          | <del> </del>                                     |  |  |  |
| <b></b>      | 88             | $\vdash$    | $\vdash$     | Н            | $\vdash$ |  | ·         | -        | <del> </del>                                     | $\vdash$   |  |  |
| $\vdash$     | 89             | $\vdash$    | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$   | -         |          | <del>                                     </del> |  |  |  |
| -            | 90             | -           | $\vdash$     | $\vdash$     | $\vdash$ | -  |           | $\vdash$ | $\vdash$   | $\vdash$   |  |  |
|              | 91             | -           | <del> </del> | <del> </del> | -        |  |           | -        | <del> </del>                                     | $\vdash$   |  |  |
| $\vdash$     | 92             | $\vdash$    | -            | ├            | -        | $\vdash$   | Ι         | -        | -  |  |  |  |
| $\vdash$     | 93             | $\vdash$    | $\vdash$     | $\vdash$     | -        | -  | $\vdash$  | $\vdash$ | $\vdash$   | $\vdash$   |  |  |
| <b>-</b>     | 94             | -           | -            | -            |          |  | -         | $\vdash$ | $\vdash$   | $\vdash$   |  |  |
| <del> </del> | 95             | $\vdash$    | ├—           | $\vdash$     | $\vdash$ | $\vdash$   | _         | -        | $\vdash$   | $\vdash$   |  |  |
| -            | 96             | -           | <del> </del> | <u> </u>     | $\vdash$ | $\vdash$   | Ь—        | <u> </u> | ├—   |  |  |  |
| -            |                |             | -            | <del> </del> | -        |  | <u> </u>  | Н        |  | <del> </del>   |  |  |
|              | 97             |             |              |              | -        |  | ļ         |          | <u> </u>   |  |  |  |
|              | 98             | ├—          | ├            | <u> </u>     | <u> </u> | $\vdash$   | <u> </u>  | Н        | $\vdash$   | ├  |  |  |
|              | 99             | -           | <b> </b>     | <b>—</b>     | _        | ļ  | <u> </u>  | <u> </u> | <u> </u>   | <u> </u>   |  |  |
| 1            | 100            | ı           | l            | 1            |          |  |           |          | ı  | ı  |  |  |

| Cla      | Date              |          |  |              |          |          |          |          |                           |                 |  |
|----------|-------------------|----------|--|--------------|----------|----------|----------|----------|---------------------------|-----------------|--|
|          |                   | - T      |  |              | Π        |          |          |          | $\Box$                    |                 |  |
| <u> </u> | Original          |          |  |              |          | l        |          |          |                           |                 |  |
| Final    | rig               |          |  |              |          |          |          |          |                           |                 |  |
|          | 0                 |          |  |              |          |          |          |          |                           |                 |  |
|          | 101               |          |  | -            | -        | -        |          | -        | $\vdash$                  | $\exists$       |  |
|          | 101<br>102        | _        |  | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | -        | _                         | Н               |  |
|          | 103               |          |  | -            | -        |          |          | _        | -                         | $\dashv$        |  |
|          | 100               | _        | $\vdash$   | ⊢            | -        | -        | -        | -        | -                         | $\dashv$        |  |
|          | 104<br>105        | _        | _  | -            | $\vdash$ | $\vdash$ | -        | ⊢        |                           | $\dashv$        |  |
|          | 106               |          |  | -            |          | _        | -        | -        | H                         | $\dashv$        |  |
|          | 100               |          | H  |              | -        |          | $\vdash$ | -        | $\vdash$                  | $\dashv$        |  |
|          | 107<br>108        |          | -  | ┝╌           |          |          | -        |          | -                         | $\dashv$        |  |
|          | 100               | _        | Н  | $\vdash$     | _        | _        | Η-       |          | $\vdash$                  |                 |  |
|          | 109               |          | _  |              |          |          | _        | _        | -                         | $\dashv$        |  |
|          | 110               | <u> </u> | <u> </u>   |              | -        | -        | Н        | $\vdash$ | $\vdash$                  | $\vdash \dashv$ |  |
|          | 111               |          | <del> </del>                                     | <del> </del> | _        | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$                  | Щ               |  |
|          | 112<br>113<br>114 | <u> </u> |  | _            | <b>!</b> | <b>-</b> | $\vdash$ | _        | <u> </u>                  | Щ               |  |
|          | 113               |          | <u> </u>   | <u> </u>     | <u> </u> |          |          | <u> </u> | <u> </u>                  | $\sqcup$        |  |
|          | 114               |          | _  |              | <u> </u> | <u> </u> | Ш        | Щ        | _                         |                 |  |
|          | 115               |          |  | ļ.,          |          | L        | Ш        |          |                           | Ш               |  |
|          | 116               |          |  | L            |          | ┖        | Ш        | <u> </u> | $ldsymbol{ldsymbol{eta}}$ | Ш               |  |
|          | 117               |          |  |              |          | L        |          |          | Щ                         | $oxed{oxed}$    |  |
|          | 118<br>119        |          |  | L            |          | L        |          |          |                           |                 |  |
|          | 119               |          |  |              |          | Ĺ        |          |          |                           |                 |  |
|          | 120               |          |  |              |          |          |          |          |                           |                 |  |
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|          | 134               |          |  |              |          |          |          |          |                           |                 |  |
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|          | 136               |          |  |              |          | Г        |          |          |                           | М               |  |
|          | 137               |          | Г  | $\Box$       | <u> </u> |          | <u> </u> |          |                           | П               |  |
|          | 138               |          |  | М            |          |          | Г        | П        | Г                         | П               |  |
|          | 139               |          |  |              |          |          | Г        |          |                           |                 |  |
|          | 140               |          |  |              |          |          | Г        |          |                           | $\vdash$        |  |
|          | 141               |          | Г  |              |          |          |          |          |                           |                 |  |
|          | 142               |          | Г  |              |          |          |          |          |                           | $\Box$          |  |
|          | 143               |          |  |              |          | Г        | Г        | Г        | Г                         | П               |  |
|          | 144               |          |  |              |          |          |          |          | Г                         | $\vdash$        |  |
|          | 145               |          |  |              |          |          | <u> </u> |          | T                         | М               |  |
|          | 146               |          | Т  |              | $\vdash$ |          | -        | $\Box$   | Г                         | Н               |  |
|          | 147               |          | _  |              |          |          | $\vdash$ | $\vdash$ | Г                         | Н               |  |
|          | 148               |          | Т  | П            | $\vdash$ |          | $\vdash$ |          | Г                         | Н               |  |
|          | 149               |          | <del>                                     </del> |              | _        | $\vdash$ | Т        |          | $\vdash$                  | Н               |  |
|          | 150               |          |  | Г            |          | T        |          |          |                           | П               |  |
|          |                   |          |  | L            |          |          |          |          |                           |                 |  |